•UZ-1 doesn't correspond to CPRM(Content Protection for Recordable Media). The discs that were recorded with copy-once only permission cannot be played. •SZ-1/UZ-1 corresponds to copyright protection system DTCP. Both the player and D/A converter should correspond to DTCP to play back Super Audio CD and DVD Audio by using i.LINK. •Region Number of DVD Video discs: DVD players and discs are designed with region numbers that dictate the regions in which a disc can be played. If the region number on the disc you want to play does not match the region number of your DVD player, you will not be able to play the disc.
SZ-1/UZ-1: U.S.A., Canada model: region 1 / Europe, Japan model: region 2 / Korea model: region 3

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High-End Audio Video

elegance series

SUPER AUDIO CD/CD PLAYER
MODEL SZ-1

UNIVERSAL PLAYER
MODEL UZ-1

DIGITAL INTEGRATED AMPLIFIER
MODEL AZ-1

PRINTED IN JAPAN 0406L10 · TECD-0003

TEAC

ESOTERIC

English version

The "Elegance Series," a new audio/video product line, designed and manufactured by Esoteric®, an award winning world leader in high end audio and video systems engineering.

All that is necessary for state of the art audio and video reproduction, nothing more, nothing less.
Unique aesthetics for unique lifestyle environments, implemented with state of the art, leading edge technology, designed and engineered for your enjoyment throughout the 21st century!

A new, low-profile cabinet design

All three models are only 3 inches in height. This low-profile design highlights their simple beauty without sacrificing performance. Arrange them in line and you will find them highly attractive, designed to compliment each other within the environment or setting that you find most appropriate for product placement.

State-of-art front face architecture and disc tray designs

Exquisitely crafted front panel expresses sensitivity with detail that cannot be found in any mass market production design. The front panel is crafted from a 1.6 inch thick aluminum block, using 1-micrometer-precision 3D processing machines, taking a total of 8 hours to produce one panel. The rounded face is lined by a curved edge aluminum surface, and the design continues on to the top and sides of each individual cabinet. The cut aluminum disc tray (being processed from a similar block of aluminum), takes up to 4 hours to produce and contributes to the artistic excellence of the front panel. Each aluminum disc tray is further enhanced to allow precise and careful handling of any audio or video disc that may be loaded and played.

Simple interface

The interface of this new series is quite unique. The rounded push panel switches placed on the streamlined front panel is operational keys used for commands to play, stop, pause, track select, open disc tray, etc.

Leather finished aluminum remote control with backlit keypad

Leather finish on the rear and sides of the remote controller allow the device to fit comfortably in your hands with little to no “user fatigue.” The remote control also features illuminated push buttons for basic operational control in low or no light situations.

High musicality in a sophisticated new presence!
SUPER AUDIO CD / CD player designed for high-end digital source playback.

SUPER AUDIO CD/CD PLAYER
MODEL SZ-1

DSD / PCM compatible D / A converter

The SZ-1 features CIRRUS LOGIC' s CS4398 D/A converter which can process both PCM and DSD native formats. The CS4398 features "Direct" mode for extremely smooth sound reproduction of Super Audio CDs. In this mode DSD (Direct stream digital), signals are converted to analog signals and routed to the final output stage without passing through any extra processing circuit such as a volume control. This helps to reduce noise across the DSD output signal path.

ESOTERIC original high precision laser pick-up and disc transport system

The SZ-1 features many high-end technologies proprietary to ESOTERIC including a newly designed disc transport system and disc clamp. The shaft-sliding horizontal pick-up structure is also an ESOTERIC original design. This design prevents laser optical off-axis tilting. This results in more accurate reading and processing of digital data. Unlike conventional players, Esoteric' s horizontal sled and vertical tracking alignment greatly reduce or eliminate the need to error correct. This allows more information to be read from the disc. This technology evolved from Esoteric' s flagship model P-01 Super Audio CD/CD transport. This original pick up assembly, horizontal sled, and our newly developed transport are used in both the SZ-1 and the UZ-1.

i.LINK digital output terminal

Digital signals in every format can be output from i. LINK (AUDIO S400), terminals. Esoteric' s new flow-rate-control technology contributes to higher-grade signal transmission along this path.

WORD SYNC IN terminal

The SZ-1 features a WORD SYNC IN terminal. As an option, you can improve performance of the SZ-1 by synchronizing its operation to a stable clock signal coming from an external master clock generator (such as Esoteric' s AZ-1 digital amplifier, G25U master clock or G-0s rubidium

[Input / output terminals] •System: Super Audio CD and CD •Audio output (Analog audio): RCA (L/R) x1, XLR (L/R) x1 •Audio output (Digital audio): i.LINK x1, COAXIAL x1, OPTICAL x1 •Word synchronization input: BNC x1 (Input level: TTL level / 75 ohm / Input frequency: 44.1/88.2/176.4/100 kHz) [Analog audio response (Output: DSD / Setting: Normal)] •Frequency response: 10Hz - 50kHz (Super Audio CD) •S/N ratio: 130dB (Super Audio CD) •Dynamic range: 107dB (Super Audio CD) •Total harmonic distortion: 0.002% (Super Audio CD) [General] •Power supply: AC 120V, 60 Hz (US) / AC 230V, 50 Hz (Europe) / AC 220V, 60Hz (Korea) •Power consumption: 18 W (Stand-by: approx. 1.5 W) •External dimensions (W x H x D): 400 mm x 77 mm x 361 mm (15-7/10" x 3" x 14-2/5") •Weight: 8.4 kg (18.5 lbs)

Beautiful conformity to audio and video elegance!
SUPER AUDIO CD/CD/DVD universal disc player.

SUPER AUDIO CD/CD/DVD UNIVERSAL PLAYER
MODEL UZ-1

High quality audio circuit components are the same as in Esoteric' s model SZ-1.

The UZ-1 features the same audio circuitry as the SZ-1, which signifies its status as an ultra-high end digital audio disc player in addition to its DVD video playback capability.

Analog Devices video D / A converter for high resolution picture quality.

The UZ-1 is equipped with Analog Devices 14 bit / 216 MHz video D/A converter (ADV7314), providing excellent quality video signal conversion. This converter, combined with NSV processing (Noise shaping video), moves the playback signal' s noise levels to areas of unused bandwidth. This process achieves a very high S/N ratio providing improved playback capability. Newly developed high performance analog circuitry also provides very high-resolution video images, reproducing very fine detail often present in higher quality video signals.

Faroudja IC chip for I/P conversion

The UZ-1 incorporates a Faroudja video chip set for I/P conversion. Using DCDi technology, this chip set enables the UZ-1 to reproduce smooth and finely detailed progressive scan video. This technology also improves resolution by reducing or eliminating the presence of unnatural "jaggies," or uneven edges that often appear in progressive scan playback of a DVD video.

HDMI digital output interface

HDMI interface enables the UZ-1 to transmit both audio and video signals to receiving equipment such as a plasma TV display or LCD display by connecting with just a single cable. The UZ-1 can output 480i, 480P, 720P or 1080i digital video signals, through its user selectable up conversion feature. This provides better clarity and saturation of the video signal.

[Input / output terminals] •System: DVD-Video, DVD-Audio, Super Audio CD, CD, Video-CD, DVD-R, and DVD-RW •Audio output (Analog audio): RCA (L/R) x2 •Audio output (Digital audio): i.LINK x1, COAXIAL x1, OPTICAL x1 •Video output (Analog video): Composite (RCA)x1, S-Video output (S1/S2) x1, D1/D2 video output (D terminal) x1, Component video output (RCA)x1 •Video output (Digital video): HDMI terminal x1 (contains digital audio signal) •Word synchronization input: BNCx1 (Input level: TTL level / 75 ohm / Input frequency: 44.1/ 88.2/176.4/48/96/192/100 kHz) [Analog audio response] •Frequency response: 5 Hz - 88 kHz (DVD Audio) •S/N ratio: 130dB (DVD Audio) •Dynamic range: 107dB (DVD Audio) •Total harmonic distortion: 0.002% (DVD audio) [General] •Power supply: AC 120V, 60 Hz (US) / AC 230V, 50 Hz (Europe) / AC 220V, 60Hz (Korea) •Power consumption: 25 W (Stand-by: approx. 1.5 W) •External dimensions (W x H x D): 400 mm x 77 mm x 361 mm (15-7/10" x 3" x 14-2/5") •Weight: 8.5 kg (18.7 lbs)

Lifestyle with musical inspiration!
An amplifier and master clock signal generator designed for high-end audio video.

DIGITAL INTEGRATED CLASS "D" AMPLIFIER AND
MASTER CLOCK SIGNAL GENERATOR
MODEL AZ-1

High efficiency class “D” digital power amplifier for pure sound quality.

The AZ-1 features high precision D / A conversion and clock processing technology which evolved from our flagship models P-01 transport and D-01 mono-block D / A converters. The AZ-1 also features a high efficiency WB transformer for its power component, providing very low current loss offering excellent instantaneous “power on demand.” The AZ-1 provides high end Class D power amplification and a very natural sound with excellent resolution, imaging, density, and musicality.

WORD SYNC OUT terminal

The AZ-1 integrated amplifier is equipped with a WORD SYNC OUT terminal to synchronize its master clock operation to any optional device (Such as the SZ-1 or the AZ-1), having a WORD SYNC IN connector. The master clock in the AZ-1 outputs a signal accurate to +/- 1 ppm. This synchronization between components improves the systems playback imaging, signal clarity, staging and transparency. This results in improved audio and video reproduction.

i. LINK terminal

The AZ-1 can connect to the UZ-1 (or other I Link equipped devices), by using I. LINK (AUDIO S400) terminals. i.LINK connection enables digital signal transmission of multi-channel Super Audio CD and DVD Audio tracks. This “jitter less,” signal transmission is supported by Esoteric’ s new flow-rate-control technology which contributes to a natural and upgraded sound quality.

WBT speaker connection terminals

The AZ-1 is equipped with WBT-0735 double pole speaker terminals for secure and high quality speaker cable connections. WBT is an engineering innovator based in Germany whose products are used worldwide to provide better signal contact between amplifiers, speakers and other connected devices.

Phono input terminal

The AZ-1 features a conventional phono input terminal for excellent vinyl reproduction from analog turntables.

[Input / output terminals] •Audio input (Analog audio): RCA (L/R) x3 (LINE x2, LINE/PHONO x1) •Audio input (Digital audio): i.LINK x2, COAXIAL x2, OPTICAL x2 •Word synchronization output: BNC x1 (Output level: TTL level / 75 ohm / Output frequency: 44.1/88.2/176.4/48/96/192/100 kHz) •Speaker output terminal: WBT screw type (WBT-0735) x1 (L/R) [Analog audio response] •Maximum output power: 45 W + 45 W (1 kHz / 8 ohm) / 75 W + 75 W (1 kHz / 4 ohm) •Suitable speaker impedance: 4 ohm - 16 ohm •Frequency response: 10 Hz - 80 kHz [General] •Power supply: AC 120V, 60 Hz (US) / AC 230V, 50 Hz (Europe) / AC 220V, 60Hz (Korea) •Power consumption: 45 W (Stand-by: approx. 1.5 W) •External dimensions (W x H x D): 400 mm x 77 mm x 372 mm (15-7/10" x 3" x 14-9/10") •Weight: 9.2 kg (20.2 lbs)